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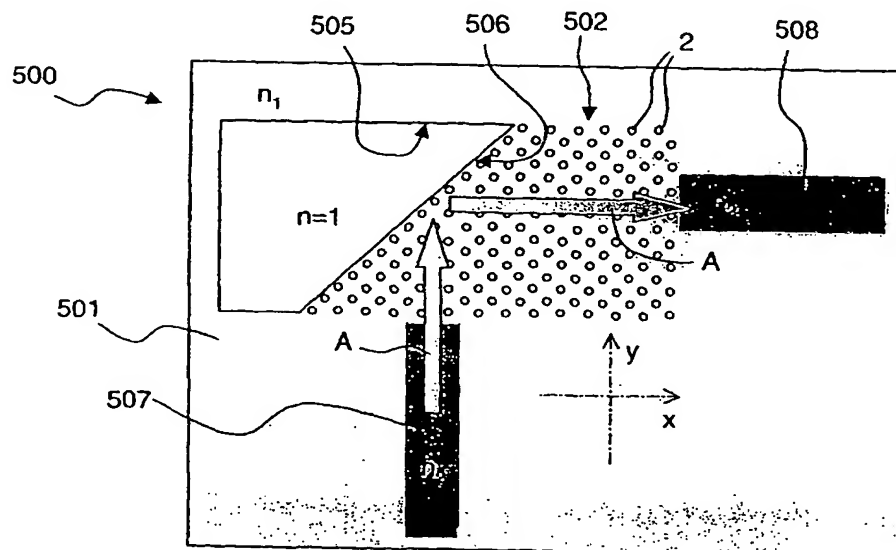
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(54) Title: **DEVICE FOR BENDING AN OPTICAL BEAM, IN PARTICULAR IN AN OPTICAL INTEGRATED CIRCUIT**



(57) **Abstract:** A device (500) for varying the direction of an optical beam (A), comprises a first waveguide (507) directed along a first direction, a second waveguide (508) directed along a second direction different from the first direction, and a bending region interposed between the first and the second waveguide, wherein the bending region comprises a photonic crystal (502) having a regular periodicity and at least a first and a second crystal axes substantially aligned with said first and second directions, and a reflecting surface (505) delimiting said photonic crystal and so positioned and oriented as to reflect an optical beam coming from the first waveguide towards the second waveguide.